

ABSTRACT

An exemplary storage network and methods of operation are disclosed. The exemplary storage network comprises a plurality of storage cells. At least one storage cell comprises physical storage media and a storage media controller that controls data transfer operations with the storage media. The exemplary storage network further comprises a plurality of host computers configurable to execute write operations to at least one storage cell, at least one write control server that regulates the write operations of one or more host computers, and a communication network that provides communication connections between the storage cells, the host computers, and the write control server. In exemplary methods of operation the write control server regulates write access by the host computers. In another exemplary method of operation the write control server broadcasts a write failure signal to one or more host computers in the network.